

APPENDIX A

23. An interface for a piece of baggage, said interface comprising:
 - (a) a top securing member having a perimeter, said perimeter having a non-circular shape that comprises at least one abutment;
 - (b) a bottom securing member connected to said top securing member; and
 - (c) a recess within said top securing member, said recess comprising a vent.
24. The interface of claim 23 wherein said non-circular shape of said perimeter of said top securing member comprises two abutments.
25. The interface of claim 24 wherein said abutments are diametrically opposed.
26. The interface of claim 23 wherein said bottom securing member comprises at least one wing portion.
27. The interface of claim 26 wherein said bottom securing member comprises two wing portions.
28. The interface of claim 23 wherein said bottom securing member comprises means for stabilizing said interface when located within a piece of baggage.
29. The interface of claim 23 wherein said recess has an interior-perimetrical shape that corresponds to the exterior-perimetrical shape of a collector.

30. The interface of claim 29 further comprising at least one securing hole within said recess.
31. The interface of claim 23 wherein the said top securing member comprises two top-lip portions and said bottom securing member comprises two bottom-lip portions, wherein each of said top-lip portions vertically align with said bottom-lip portions.
32. The interface of claim 31 wherein one set of top and bottom lip portions are diametrically opposed to another set of top and bottom lip portions.
33. The interface of claim 32 further comprising a lever connected to each of said top-lip portions.
34. The interface of claim 23 further comprising means for gripping a portion of a piece of baggage.
35. The interface of claim 34 wherein said gripping means comprises means for gripping a row of teeth of a zipper within said baggage.
36. The interface of claim 23 further comprising a locking ring connected to said top securing member.
37. The interface of claim 36 further comprising a second locking ring.
38. The apparatus of claim 23 further comprising means for fastening said interface to a piece of baggage.

39. The interface of claim 23 further comprising means for moving a portion of said top securing member away from a portion of said bottom securing member.
40. The interface of claim 39 wherein said moving means comprises at least one lever extending from said top securing member.
41. The interface of claim 40 wherein said lever comprises grooves at an end opposite of that connected to said top securing member.
42. The interface of claim 40 wherein said moving means comprises two levers extending from said top securing member.
43. The interface of claim 42 wherein said levers are diametrically opposed from one another.
44. An interface for a piece of baggage, said interface comprising:
- (a) a top securing member comprising means for allowing a slider of a zipper to abut said interface; and
 - (b) a bottom securing member connected to said top securing member; and
 - (c) a recess within said top securing member, said recess comprising a vent.
45. The interface of claim 44 further comprising means for gripping a portion of a piece of baggage.

46. The interface of claim 45 wherein said gripping means comprises means for gripping a row of teeth of a zipper within said baggage.
47. The apparatus of claim 44 further comprising means for fastening said interface to a piece of baggage.
48. The interface of claim 44 further comprising means for moving a portion of said top securing member away from a portion of said bottom securing member.
49. The interface of claim 48 wherein said moving means comprises at least one lever extending from said top securing member.
50. The interface of claim 49 wherein said lever comprises grooves at an end opposite of that connected to said top securing member.
51. The interface of claim 49 wherein said moving means comprises two levers extending from said top securing member.
52. The interface of claim 51 wherein said levers are diametrically opposed from one another.

APPENDIX B

As mentioned above, it is preferable for the baggage-preconcentrator interface 400 to be inserted into the zipper 402 of a piece of baggage 404 as shown in Figs. 4 and 5. Thus, the shape of the perimeter of the baggage-preconcentrator interface 400 in Fig. 6 allows the sliders 504 of the zipper to abut baggage-preconcentrator interface 400. That is, the shape of the perimeter of the baggage-preconcentrator interface 400, which could be characterized as a serpentine shape when viewed from the top of the baggage-preconcentrator interface 400, provide a means for a slider 504 to zip up adjacent to and abut the baggage-preconcentrator interface 400. The abutments may include a portion of the top securing member 609 other than the locking rings 624, the top locking rings 624 and/or a portion of the locking rings below the openings 626 therein.